

DECEMBER 1950

BULLETIN

OF THE NEW YORK
ACADEMY OF MEDICINE



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- Vesalius, Andreas. ICONES ANATOMICAЕ. N.Y., 1934. \$95.00. Atlas of magnificent folio woodcuts from the original blocks of 1543.
- Doe, Janet. A BIBLIOGRAPHY OF THE WORKS OF AMBROISE PARE. Chicago, Univ. of Chic. Pr., 1937, 266 p. \$5.00.
- Ornstein, Martha. THE ROLE OF SCIENTIFIC SOCIETIES IN THE SEVENTEENTH CENTURY. 3.ed. Chic., Univ. of Chic. Pr., 1938, 308 p. \$3.00
- Van Ingen, Philip. THE NEW YORK ACADEMY OF MEDICINE: ITS FIRST HUNDRED YEARS. N.Y., Columbia Univ. Pr., 1949, 586 p. \$10.00.
- Breasted, James H. THE EDWIN SMITH SURGICAL PAPYRUS. Chic., Univ. of Chic. Pr., 1930, 2 vol. \$20.00. Beautiful facsimiles with translation and commentary.
- Weinberger, Bernhard W. DENTAL BIBLIOGRAPHY. 2.ed. [N.Y., 1929], 2 vol. (262 p.) \$2.00. A comprehensive list of the older dental literature.

In Preparation

THREE VESALIAN ESSAYS TO ACCOMPANY VESALIUS' *Icones Anatomicae* of 1934.

1. Samuel W. Lambert, Sr. on the initial letters.
2. Marginal Notes by the Printer, Willy Wiegand.
3. A discussion of early scientific illustration in general and of the Vesalian woodcuts in particular by William M. Ivins, Jr., former Curator of the Dept. of Prints, Metropolitan Museum of Art.

Lancisi, Giovanni M. DE MOTU CORDIS ET ANEURYSMATIBUS. Trans. by Wilmer Cave Wright. An epoch-making contribution to cardiology by the greatest Italian clinician of the 18th century, not heretofore completely rendered into any modern language.

RECENT ACCESSIONS TO THE LIBRARY

("Possession does not imply approval.")

- Alexander, F. G. Psychosomatic medicine. N. Y., Norton, [1950], 300 p.
- de Allende, I. L. C. & Orías, O. Cytology of the human vagina. N. Y., Hoeber, [1950], 286 p.
- Anderson, B. E. The facilitation of interstate movement of registered nurses. Phil., Lippincott, [1950], 186 p.
- Anderson, C. M. Saints, sinners and psychiatry. Phil., Lippincott, [1950], 206 p.
- Anikin, M. M. & Varshaver, G. S. Osnovy fizioterapii. [Principles of physiotherapy.] 2.izd. Moskva, MEDGIZ, 1950, 711 p.
- Anson, B. J. An atlas of human anatomy. Phil., Saunders, 1950, 518 p.
- Appleton, A. B.; Hamilton, W. J. & Simon, G. Surface and radiological anatomy. 3.ed. Balt., Williams, 1949, 332 p.
- Bayandurov, B. I. Troficheskaya funktsiya golovnogo mozga. [Trophic function of the brain.] Moskva, MEDGIZ, 1949, 306 p.
- Beaumont, G. E. Applied medicine. London, Churchill, 1950, 541 p.
- Bessey, E. A. Morphology and taxonomy of fungi. Phil., Blakiston, 1950, 791 p.
- Biology (The) of human starvation, by A. Keys, J. Brozek, A. Henschel [and others]. Minneapolis, Univ. of Minn. Press, [1950], 2 v.
- Blindness; modern approaches to the unseen environment, edited by P. A. Zahl. Princeton, Princeton Univ. Press, 1950, 576 p.
- Boyd, W. The pathology of internal diseases. 5.ed. Phil., Lea, 1950, 866 p.
- Browne, F. J. Postgraduate obstetrics and gynaecology, 1950. London, Butterworth, 1950, 501 p.
- Burrows, H. Biological actions of sex hormones. 2.ed. Cambridge [Eng.] University Press, 1949, 615 p.
- Callahan, P. & Callahan, J. T. The law of medicine, N. Y., Oceana Publications, [1950], 80 p.
- Carrel, A. The voyage to Lourdes. N. Y., Harper, [1950], 52 p.
- Chauchard, P. Le système nerveux sympathique. [Paris], Gallimard, [1949], 364 p.
- Chevigny, H. & Braverman, S. The adjustment of the blind. New Haven, Yale Univ. Press, 1950, 320 p.
- Colonna, P. C. Regional orthopedic surgery. Phil., Saunders, 1950, 706 p.
- Committee for Standardization of Joint Measurements in Industrial Injury Cases. Evaluation of industrial disability. N. Y., Oxford Univ. Press, 1950, 89 p.
- Communicable diseases, edited by R. L. Pulen. Phil., Lea, 1950, 1035 p.
- Comroe, J. H., jr. & Dripps, R. D. The physiological basis for oxygen therapy. Springfield, Ill., Thomas, [1950], 85 p.
- Cowdry, E. V. A textbook of histology. 4.ed. Phil., Lea, 1950, 640 p.
- Cummins, S. L. Tuberculosis in history, from the 17th century to our times. London, Baillière, 1949, 205 p.
- Doggart, J. H. Ophthalmic medicine. London, Churchill, 1949, 329 p.
- Dorcus, R. M. & Shaffer, G. W. Textbook of abnormal psychology. 4.ed. Balt., Williams, 1950, 717 p.
- Dyce, J. M. Photographic aids to a clinical dental practice. London, Staples Press, 1948, 175 p.
- Eastman, N. J. Williams' obstetrics, 10.ed. N. Y., Appleton-Century-Crofts, [1950], 1176 p.
- Epstein, E. H. Regional dermatologic diagnosis. Phil., Lea, 1950, 328 p.
- Farris, E. J. Human fertility and problems of the male. White Plains, Author's Press, [1950], 211 p.
- Faulkner, R. L. & Douglass, M. D. Essentials of obstetrical and gynecological pathology. 2.ed. St. Louis, Mosby, 1949, 357 p.

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VOLUME 26

1950

THE NEW YORK ACADEMY OF MEDICINE
NEW YORK 29, N. Y.